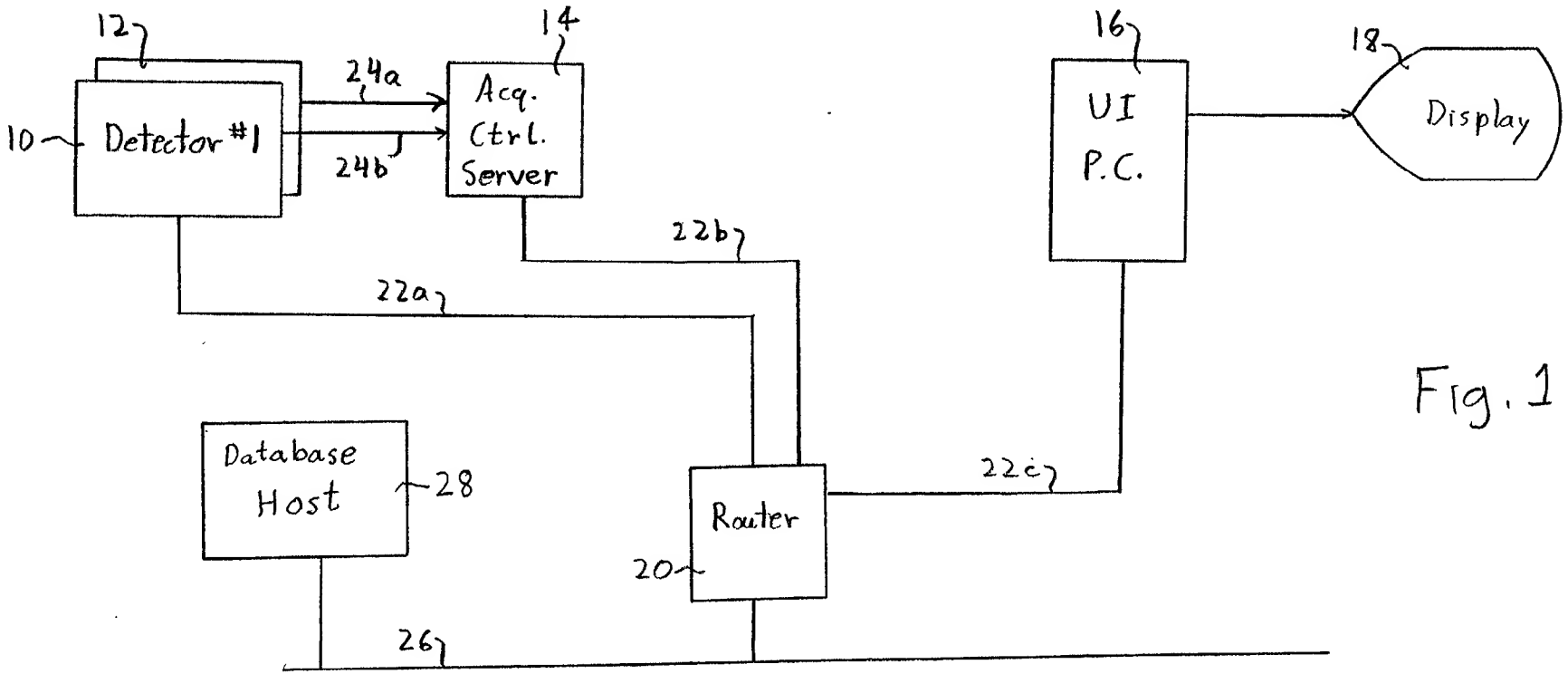
12
14
16
18
24a
24b
10
Detector #1
Acq.
Ctrl.
Server
UI
P.C.
Display
22b
22a
22c
Database
Host
28
Router
20
26

Fig. 1

5082120 07/30/96

Procedure ID: Gated Spect ~300

Spect Parameters

Degrees in Orbit:	301
Images in Orbit:	303
Matrix Size:	305
Starting Location:	307
Rotation Direction:	309
Orientation:	311
Orbit (circular):	313
Flood Correction:	315
Acquisition Method:	317

Isotope ID:	351
Patient ID:	353
View ID:	355

Processing 357

Gated Parameters

No. of Gated Frames	331
% R-R Interval Variance	
Max % Window	333
Min % Window	335
R-R Interval Fixed	337
R-R Interval Vary	339
No. Exclude After Variance	341
Time Per ECT Azimuth or Total Beats	343

Time	____	Avg R-R	____
Frame No.	____	Gated Frames	____
Max Frame	____	Max Frames	____
Counts/Sec	____		
Beats	____		

365

FIG. 3

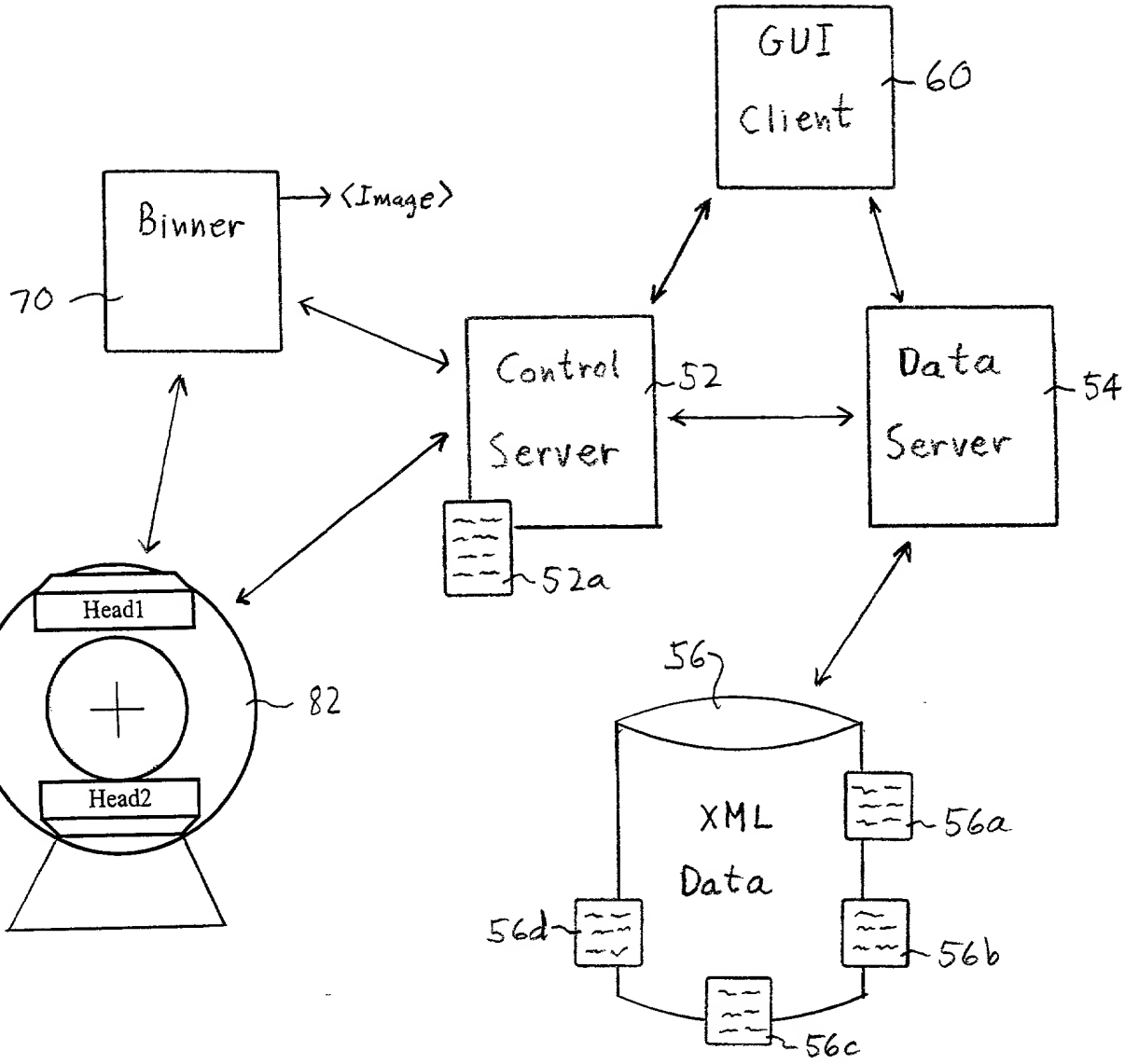
GUI
Client
60
Binner
<Image>
70
Control
Server
52
Data
Server
54
52a
Head1
Head2
82
56
XML
Data
56a
56b
56c
56d

Fig. 4

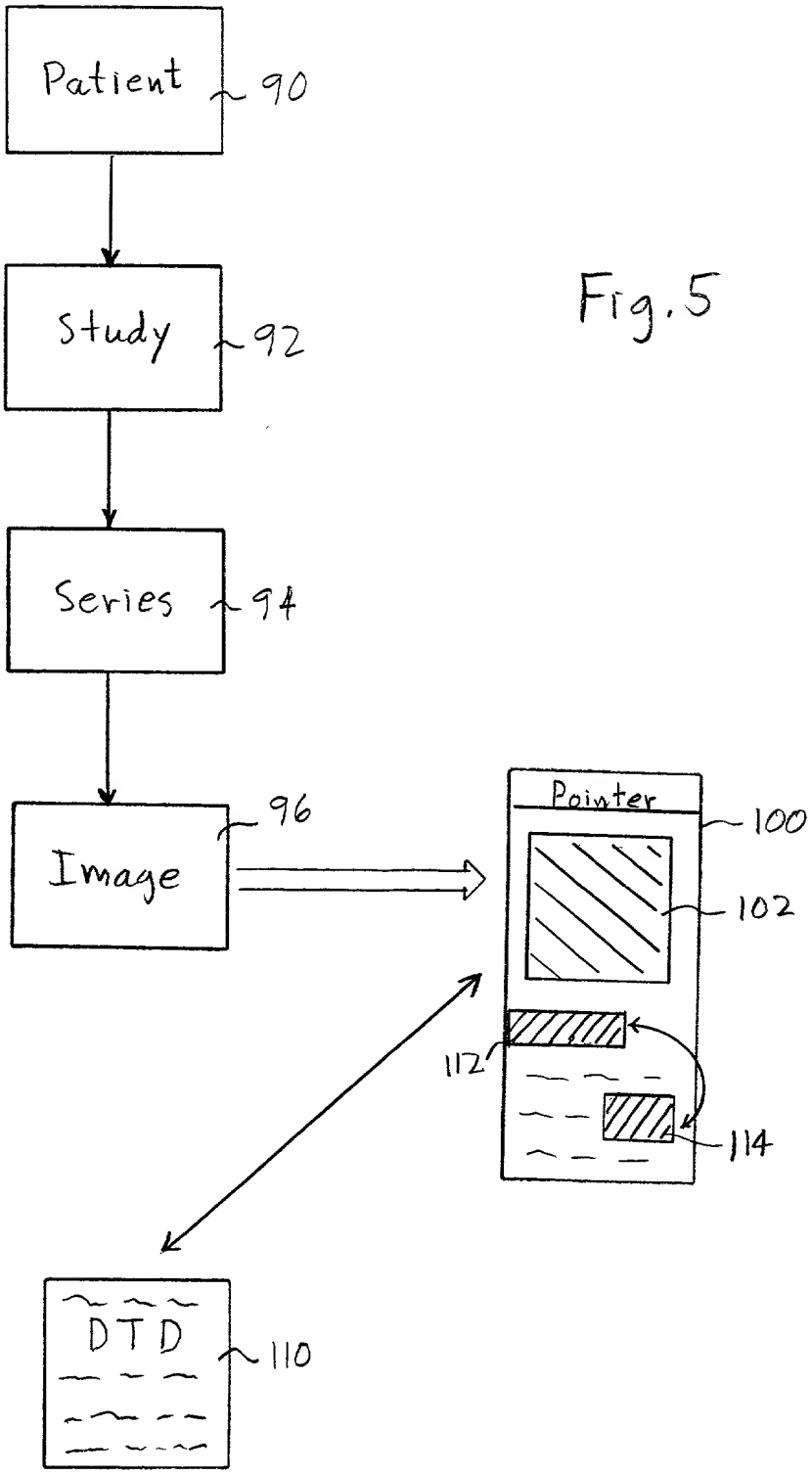
Patient
90
Study
92
Series
94
Image
96
Pointer
100
102
112
114
DTD
110

Fig. 5

TOSCO 3TA5U8U6U

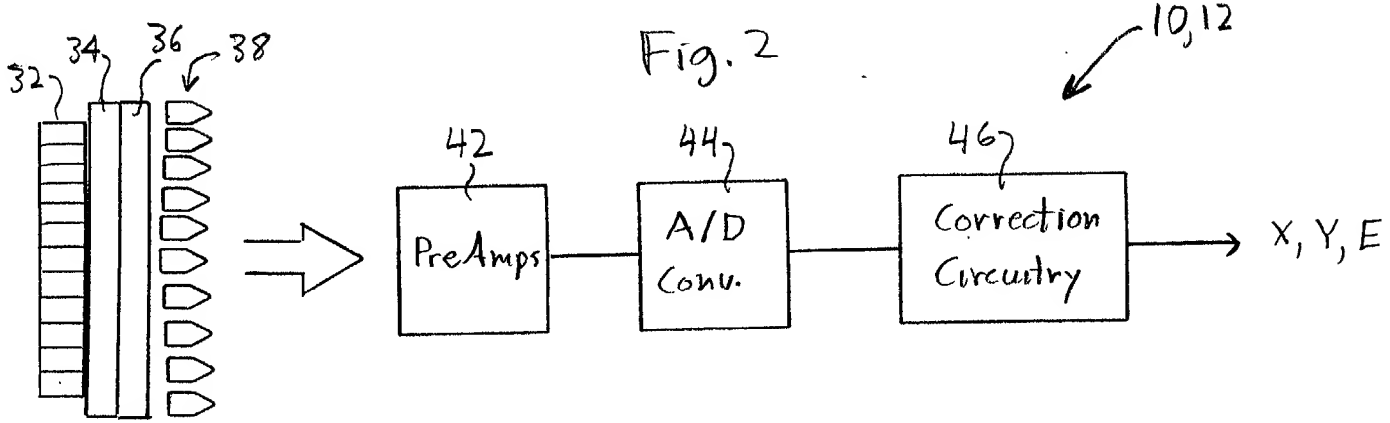

Fig. 2

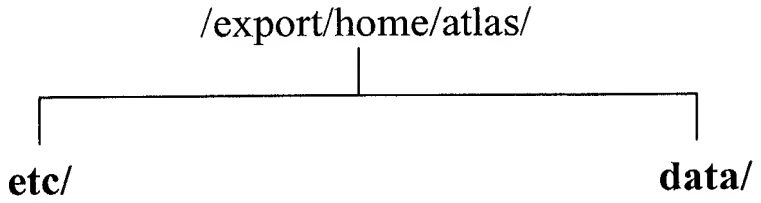

Fig. 6

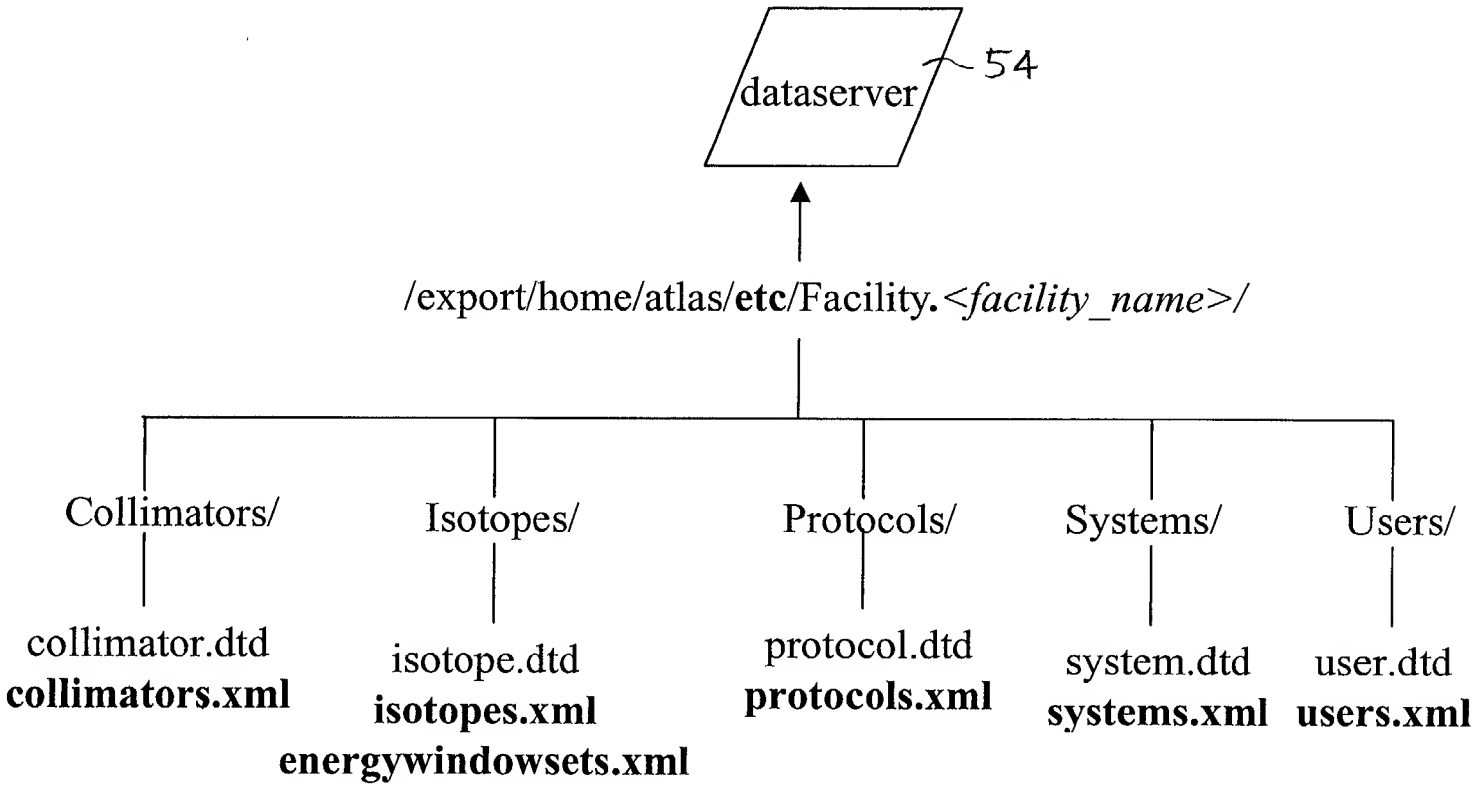
dataserver
54
/export/home/atlas/**etc**/Facility.<*facility_name*>/
Collimators/
Isotopes/
Protocols/
Systems/
Users/
collimator.dtd
collimators.xml
isotope.dtd
isotopes.xml
energywindowsets.xml
protocol.dtd
protocols.xml
system.dtd
systems.xml
user.dtd
users.xml

Fig. 7

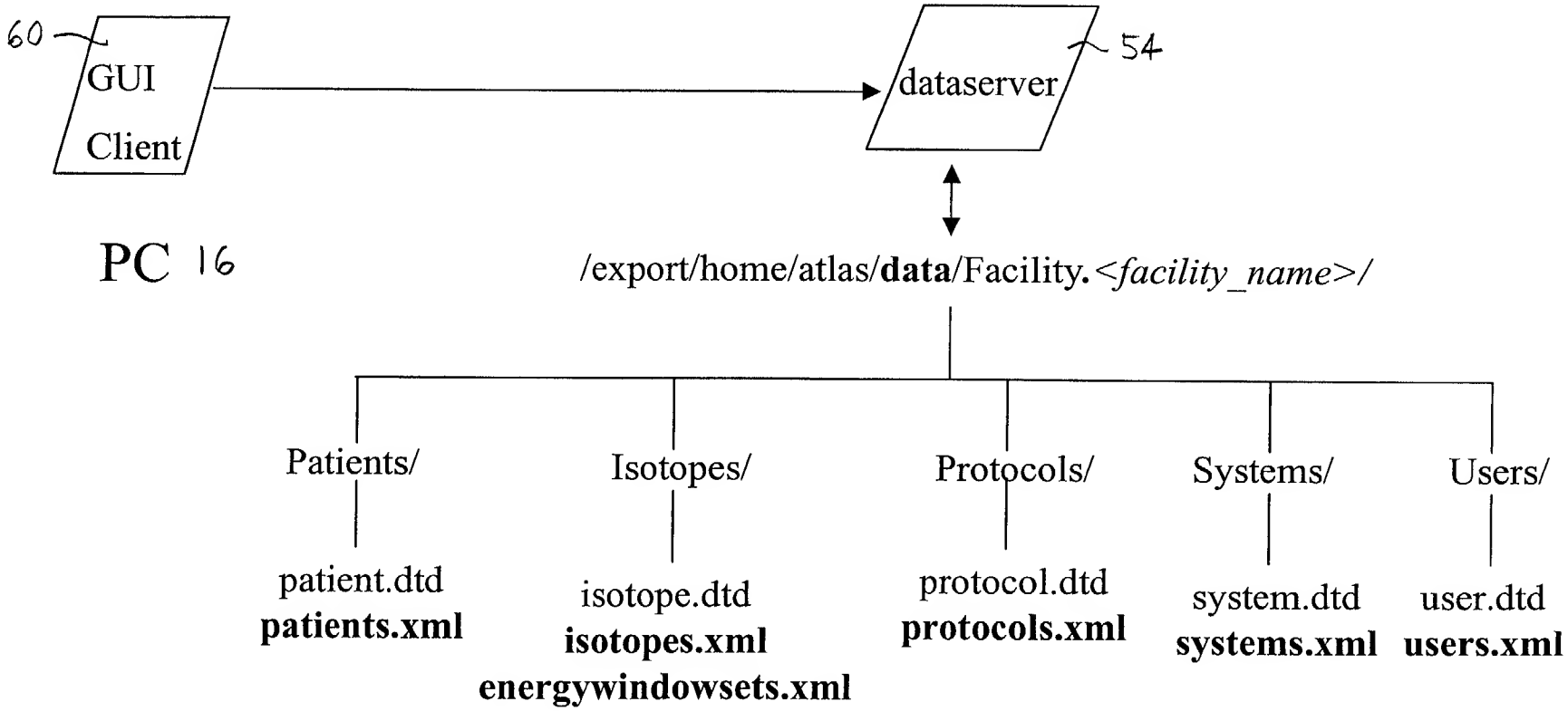
60
GUI
Client
54
dataserver
PC 16
/export/home/atlas/**data**/Facility.<*facility_name*>/
Patients/
Isotopes/
Protocols/
Systems/
Users/
patient.dtd
patients.xml
isotope.dtd
isotopes.xml
energywindowsets.xml
protocol.dtd
protocols.xml
system.dtd
systems.xml
user.dtd
users.xml

Fig. 8

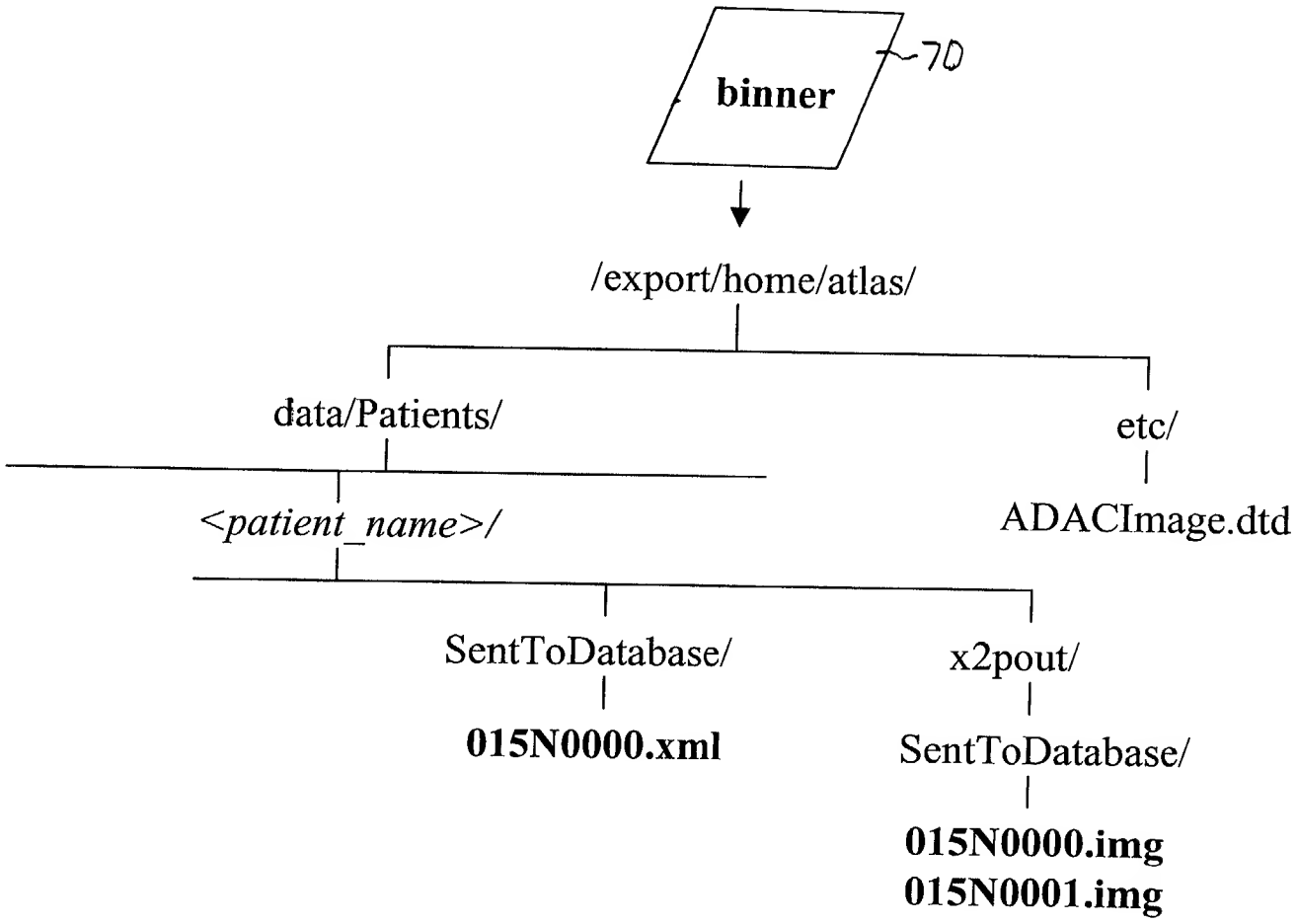
binner
70
/export/home/atlas/
data/Patients/
etc/
<patient_name>/
ADACImage.dtd
SentToDatabase/
x2pout/
015N0000.xml
SentToDatabase/
015N0000.img
015N0001.img

Fig. 9